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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>NEW UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket Number	21153-05927
	First Named Inventor	Sol P. DiJaili
	Title	Optical Logical Circuits Based on Lasing Semiconductor Optical Amplifiers
	Express Mail Label No.	EL566300004US

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)	7. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
2. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27	8. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
3. <input checked="" type="checkbox"/> Specification <i>Total Pages</i> <b>43</b> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"><li><input type="checkbox"/> Descriptive Title of the Invention</li><li><input type="checkbox"/> Cross Reference(s) to Related Case(s)</li><li><input type="checkbox"/> Statement Regarding Fed sponsored R &amp; D</li><li><input type="checkbox"/> Background of the Invention</li><li><input type="checkbox"/> Brief Summary of the Invention</li><li><input type="checkbox"/> Brief Description of the Drawing(s)</li><li><input type="checkbox"/> Detailed Description</li><li><input type="checkbox"/> Claim or Claims</li><li><input type="checkbox"/> Abstract of the Disclosure</li></ul>	9. <input checked="" type="checkbox"/> Power of Attorney or Authorization of Agent
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. <i>Total Sheets</i> <b>21</b> 113)	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement
5. Oath or Declaration	11. <input type="checkbox"/> Preliminary Amendment
a. <input checked="" type="checkbox"/> New Declaration <i>Total Pages</i> <b>1</b> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Executed (original or copy)</li></ul>	12. <input type="checkbox"/> Information Disclosure Statement & PTO-1449 <input type="checkbox"/> Copies of IDS Citation(s)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i>	13. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	14. <input checked="" type="checkbox"/> Return Postcard
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	15. <input type="checkbox"/>
	16. <input type="checkbox"/>
	17. <input type="checkbox"/>
<b>ADDRESS TO:</b> <b>Box Patent Application</b> <b>Commissioner for Patents</b> <b>Washington, D.C. 20231</b>	

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

For **CONTINUATION OR DIVISIONAL APPS only**: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☒ Customer Number and Bar Code  
Label

00758

Name (Print/Type)	Michael Plimier	Registration No. (Attorney/Agent)	43,004
Signature		Date	December 14, 2001

21153/05927/DOCS/1230847.1

12/14/01

1064 U.S. PTO

PTO/SB/17 (10-01)(modified)  
OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

0002 PTO(modified)  
Rev. 10/2001U.S. Department of Commerce  
Patent and Trademark Office

## FEE TRANSMITTAL

## TOTAL AMOUNT OF PAYMENT

Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$ 500.00)

## Complete if Known

Application Number	Not yet known
Filing Date	December 14, 2001
First Named Inventor	Sol P. DiJaili
Group Art Unit	Not yet known
Examiner Name	Not yet known
Attorney Docket Number	21153-05927

## METHOD OF PAYMENT

## FEE CALCULATION (continued)

## 1. The Commissioner is hereby authorized to:

- ☐ Charge the indicated fees to the below mentioned deposit account.
- ☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. †
- ☐ Applicant claims small entity status  
See 37 CFR 1.27

Deposit Account Number: 19-2555

Deposit Account Name: FENWICK &amp; WEST LLP

A Duplicate Copy of this authorization is attached

2. ☒ Payment Enclosed:☒ Check ☐ Credit Card ☐ Other

## FEE CALCULATION (fees effective 10/01/2001)

## 1. FILING FEE

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$740	201/\$370	Utility Filing	370
106/\$330	206/\$165	Design Filing	
168/\$740	208/\$370	Reissue	
114/\$160	214/\$80	Provisional Filing	
SUBTOTAL (1)			(\$ 370.00)

## 2. CLAIMS

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$84	202/\$42	Independent claims in excess of 3
104/\$280	204/\$140	Multiple dependent claim
109/\$84	209/\$42	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

## 3. ADDITIONAL FEES

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	
147/\$2,520	147/\$2,520	For filing a request for reexamination	
115/\$110	215/\$55	Extension for response within first month†	
116/\$400	216/\$200	Extension for response within second month†	
117/\$920	217/\$460	Extension for response within third month†	
118/\$1,440	218/\$720	Extension for response within fourth month†	
128/\$1,960	228/\$980	Extension for response within fifth month†	
119/\$320	219/\$160	Notice of Appeal	
141/\$1,280	241/\$640	Petition to revive unintentionally abandoned application	
142/\$1,280	242/\$640	Utility Issue Fee (Or Reissue)	
143/\$460	243/\$230	Design Issue Fee	
122/\$130	122/\$130	Petitions to the Commissioner	
126/\$180	126/\$180	Submission of Information Disclosure Statement	
179/\$740	279/\$370	Request for Continued Examination (RCE)	
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	40
146/\$740	246/\$370	Filing a submission after final rejection (37 CFR 1.129(a))	
149/\$740	249/\$370	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify):

Other fee (specify):

SUBTOTAL (3) (\$ 40.00)

For	(Col. 1) No. of Existing Claims	(Col. 2) Highest No. Previously Paid For	(Col. 3) Extra**	Fee	Fee Due
TOTAL	30	20 or 0	10	x 9	= 90
INDEP	3	3 or 0	0	x 42	= 0
[ ] First presentation of multiple dependent claim					

\* Subtract the greater number of Col. 2

\*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBTOTAL (2) (\$ 90.00)

## SUBMITTED BY

Typed or Printed Name Michael Plimier

## Complete (if applicable)

Reg. Number 43,004

Signature

Date

December 14, 2001

21153/05927/DOCS/1230852.1

† Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Sol P. DiJaili

Title

Optical Logical Circuits Based on Lasing  
Semiconductor Optical Amplifiers


Atty Docket Number

21153-05927

I hereby certify that the invention disclosed in the attached application **has not been and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 14, 2001

Date

  
Signature

Michael Plimier, Reg. No. 43,004

Typed or printed name/Registration Number

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**